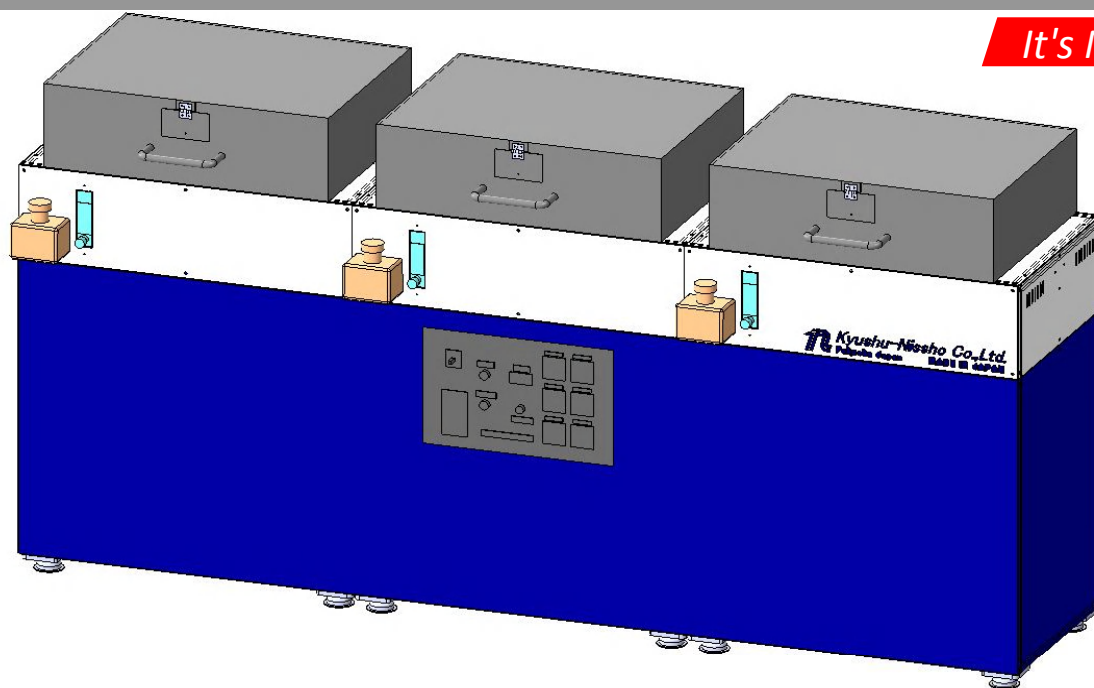


# LED Luminous flux maintenance test equipment LED-AAT

**It's NEW**



## Features

**High in Temperature Performance**  
Original structured Soaking-plate installed, which will minimize the module temperature difference.

**Able to heat in a rest atmosphere**  
Not like a batch process circulating reactor using test, it will not blow hot air to the LED, which makes it possible to conduct a test in a rest atmosphere.

**Correspond to high output modules**  
The adoption of Heat cooling stage made it possible to correspond to high output modules.

**Low in Investment Cost**  
The structure of Upper constant temperature box and Lower control panel made it possible to reduce parts to the minimum amount and the low cost.

### Machine Outline

This machine has 3 temperature control chambers which corresponds to temperature specification of LM80 test. It can be used in the range of normal temperature to 110°C. It is available to many sizes of LED with changing the Soaking-plate's shape.

### General Outline

	specification
Machine dimensions	W:2200(mm) × L:700 (mm) × H:1300 (mm) ※1
Temperature controlling stage size	W:350(mm) × L:350 (mm) ※1(per 1 chamber)
Erectric source	AC200~220V 50/60Hz 75A ※2
Temperature controlling stage accuracy	LED stage surface 0~-2°C(Δt2°C)LED circumference temperature 0~-5°C(Δt5°C)※3
Temperature controlling system	PID control(Heater)
Cooling Method	Cooling water(Chiller)
Stage Size	Max W:40(mm) × L:40 (mm)Max stage 25 ※1(per 1 chamber)
LED Loading available W	Total 1~750W(per 1 chamber)
LED Erectric source	DC0~50V 0~2000mA 75CH

※1 Size change would be corresponded with ordered parts ※2 Changes with LED driving power supply ※3 guaranteed accuracy with nonload condition

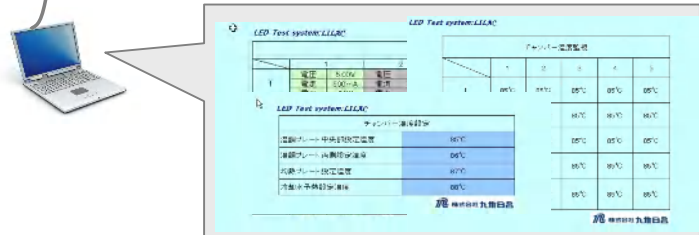
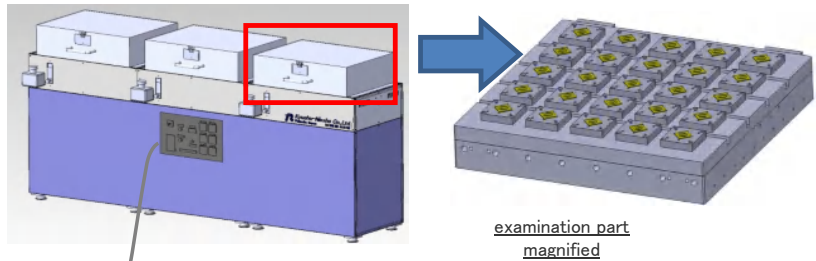
Model No.: LED-AAT-□-□-□-□

## Structure of the Testing part

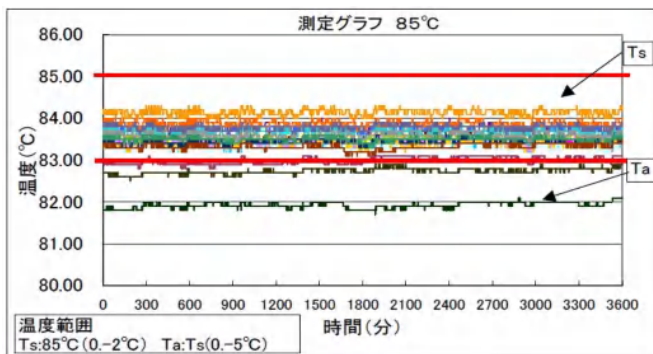
To deal with big capacity LED, it is able to set LED modules individually which will not get affected by each other.

※Patent pending in Japan, China, Taiwan, and U.S.A!!

Due to the built-in Sequencer and LED power source in the Control position, it is able to record the data of temperature, Current, Voltage, and so on.



## High in temperature performance



### 《Case temperature (Ts) scatter》

25 LED, 25points temperature observation, under the temperature setting 85°C  
actual survey temperature 83°C~85°C  
Deflection within  $\Delta 2^{\circ}\text{C}$

### 《Ambient temperature(Ta) scatter》

5points temperature observation inside the chamber, under the temperature setting 85°C  
actual survey temperature 81°C~82°C

## Inquiries

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●Changes in specifications and appearance may be made without notice.

●Ver. 2 0 1 2 . 0 6 . 1 1